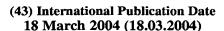
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(54) Title: CATHEPSIN CYSTEINE PROTEASE INHIBITORS

$$R^{8} \xrightarrow{R^{8}} R^{7} R^{4} \xrightarrow{R^{3}} H \xrightarrow{C \in N} (I)$$

(57) Abstract: This invention relates to class of compounds which are cysteine protease inhibitors, including but not limited to, inhibitors of cathepsins K, L, S and B. These compounds are useful for treating diseases in which inhibition of bone resorption is indicated, such as osteoporosis. They have the following structure: Formula (I).